

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	31	"288687"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 11:26
L2	860688	(dc "d.c." "direct current")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:02
L3	87237	buck boost	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 11:55
L4	979006	(dc "d.c." "direct current" buck boost (step\$3 adj (up down)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:03
L5	55203	4 near2 (converter converting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 11:55
L7	16532	5 with (battery batteries capacitor\$1 supercapacitor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:04
L8	1973	7 with (series serial\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 11:56
L9	72585	fuel adj (cell\$1 stack\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 11:56
L10	1936	8 not 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 11:56
L11	37	8 not 10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 11:56

L12	719426	(dc "d.c.")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:02
L13	29429	12 adj 12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:02
L14	350647	("direct current" buck boost (step\$3 adj (up down)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:03
L15	33625	(13 14) near2 (converter converting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2005/05/02 12:04
L16	11226	15 with (battery batteries capacitor\$1 supercapacitor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:08
L17	290	16 same 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:04
L18	1404	15 with (battery batteries capacitor\$1 supercapacitor\$1 storage storing) with (series serial\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:42
L19	1368	18 not 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:11
L20	36	18 not 19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:12
L21	477	9 and 16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:12
L22	1	2002-494038.NRAN.	DERWENT	OR	OFF	2005/05/02 12:14

L23	1	2003-222147.NRAN.	DERWENT	OR	OFF	2005/05/02 12:15
L24	6	US-6370050-\$.DID. OR US-6369461-\$.DID. OR US-6321145-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:31
L25	2	US-4728808-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:31
L26	26	US-3823358-\$.DID. OR US-4054827-\$.DID. OR US-4225912-\$.DID. OR US-4336585-\$.DID. OR US-4839246-\$.DID. OR US-5156928-\$.DID. OR US-5334463-\$.DID. OR US-5519312-\$.DID. OR US-5637414-\$.DID. OR US-5929538-\$.DID. OR US-5969435-\$.DID. OR US-5994793-\$.DID. OR US-6028414-\$.DID.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:41
L27	12	"5910712"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:42
L28	528	15 near7 (battery batteries capacitor\$1 supercapacitor\$1 storage storing) near7 (series serial\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:43
L29	5	("5825230"   "6198645"   "6304007"   "6317343"   "6323623").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 12:47
L30	2	"05336734"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 12:47
L31	4	"05336734"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:47
L32	3	"09135567"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 12:47

L33	7	("5025202"   "5394075"   "5532524"   "5659465"   "5701068"   "6043629"   "6049190").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 12:51
L34	61	("1343597"   "1931867"   "2062274"   "2316331"   "2334528"   "2398845"   "2653252"   "2675490"   "3505531"   "3585482"   "3594628"   "3599071"   "3710134"   "3784892"   "3854082"   "3864617"   "4096394"   "4131841"   "4220872"   "4384214"   "4399396"   "4467265"   "4471233"   "4476425"   "4670661"   "4675538"   "4686379"   "4760322"   "4761563"   "4965462"   "5049805"   "5093624"   "5126585"   "5126588"   "5160851"   "5250904"   "5343380"   "5376828"   "5422560"   "5469043"   "5514915").PN. OR ("5777454"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 12:53
L35	12	(US-20030201674-\$ or US-20020047309-\$ or US-20030206424-\$ or US-20050023994-\$).did. or (US-6369461-\$ or US-6321145-\$ or US-6531792-\$ or US-5777454-\$). did. or (EP-782209-\$).did. or (JP-2003243016-\$ or JP-2002110187-\$ or WO-2003012966-\$ or US-20030206424-\$ or WO-2003012966-\$).did.	US-PGPUB; USPAT; EPO; DERWENT	OR	OFF	2005/05/02 13:02

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L1	72585	(FUEL ADJ (CELL CELLS STACK\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:11
L2	30241	"363"/\$.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:11
L3	244	1 AND 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:36
L4	1338150	BATTERIES BATTERY CAPACITOR CAPACITORS SUPERCAPACITOR SUPERCAPACITORS ((ENERGY ELECTRIC ELETRICAL ELECTRICITY) ADJ (STORAGE STORING))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:39
L5	721730	CONVERTER CONVERTERS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:37
L6	3754853	SERIAL SERIES SERIALY	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:37
L7	6474	4 WITH 5 WITH 6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:38
L8	6456	7 NOT 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:38
L9	6400	8 NOT 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:38

L10	56	8 NOT 9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:44
L11	826	429/12.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:44
L12	73	11 AND (5 CHOPPER)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:46
L13	2	"5777454".PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:45
L14	61	("1343597"   "1931867"   "2062274"   "2316331"   "2334528"   "2398845"   "2653252"   "2675490"   "3505531"   "3585482"   "3594628"   "3599071"   "3710134"   "3784892"   "3854082"   "3864617"   "4096394"   "4131841"   "4220872"   "4384214"   "4399396"   "4467265"   "4471233"   "4476425"   "4670661"   "4675538"   "4686379"   "4760322"   "4761563"   "4965462"   "5049805"   "5093624"   "5126585"   "5126588"   "5160851"   "5250904"   "5343380"   "5376828"   "5422560"   "5469043"   "5514915").PN. OR ("5777454"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 15:46
L15	2	14 AND 1	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 15:46
L16	17	14 AND (5 CHOPPER)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:49
L17	429	1 WITH 4 WITH PARALLEL	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 15:49

L18	412	17 NOT (3 10 12 13 14 15 16)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:43
L19	64	"20030118876" "5771476" "5929594" "20010024105"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:03
L20	6300	JUNG-J\$.IN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:04
L21	6289	20 NOT 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:04
L22	11	20 NOT 21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:19
L23	1	2004-202022.NRAN.	DERWENT	OR	OFF	2005/05/02 16:04
L24	1	2003-798130.NRAN.	DERWENT	OR	OFF	2005/05/02 16:04
L25	11	22 and (fuel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:29
L26	0	22 and (supercapacitor\$1 super-capacitor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:30
L27	1	22 and (capacitor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:38
L28	1338173	BATTERIES BATTERY CAPACITOR CAPACITORS SUPERCAPACITOR SUPERCAPACITORS ((ENERGY ELECTRIC ELECTRICAL ELECTRICITY) ADJ (STORAGE STORING)) ultracapacitor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:48

L29	52164	28 with (chopper converter)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:42
L30	124783	28 near4 (series serial\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:42
L31	30577	(chopper converter) near4 (series serial\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:42
L32	13484	29 and (30 31)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:42
L33	13215	32 not 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:42
L34	269	32 not 33	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:42
L35	144	34 NOT (3 10 12 13 14 15 16 17 18 19 22 25 27)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:43
L36	909	29NOT (3 10 12 13 14 15 16 17 18 19 22 25 27)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:43
L37	51863	29 NOT (3 10 12 13 14 15 16 17 18 19 22 25 27)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:44
L38	4185	37 and 31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:44



L39	4150	38 not 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:44
L40	35	38 not 39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:44
L41	10	("4695932"   "4731547"   "5146383"   "5204548"   "5256993"   "5329222"   "5376828"   "5514915"   "5610958"   "5656870").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/02 16:47
L42	20677	(BATTERIES BATTERY) near5 (CAPACITOR CAPACITORS SUPERCAPACITOR SUPERCAPACITORS ultracapacitor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:57
L43	19267	42 not 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:49
L44	1410	42 not 43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:49
L45	479	42 not 43	USPAT	OR	OFF	2005/05/02 16:50
L46	730	(BATTERIES BATTERY) near5 (SUPERCAPACITOR SUPERCAPACITORS ultracapacitor\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:57
L47	819	45 and46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 16:57
L48	111	45 and 46	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:06
L49	179130	transient\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:06

L50	14112	49 with 28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:07
L51	13908	50 not 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:07
L52	204	50 not 51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:09
L53	104	52 and (converter chopper)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:11
L54	0	53 and (46 near7 (voltage near2 (mutiple fraction different)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:12
L55	3	(46 near7 (voltage near2 (mutiple fraction different)))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:13
L56	2	"20040018399"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:27
L57	0	56 and transient	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:13
L58	93627	(different near4 voltage\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:27
L59	113	1 with 58	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:27

L60	17	59 with 28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:36
L61	207275	increas\$3 near4 voltage	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:36
L62	21451	61 near7 28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:36
L63	21195	62 not 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:36
L64	256	62 not 63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:36
L65	58	64 and (61 with (transient\$1 load))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2005/05/02 17:36
L66	23	(US-20040229095-\$ or US-20040228055-\$ or US-20040126635-\$ or US-20040121196-\$ or US-20040086770-\$ or US-20040048115-\$ or US-20040018399-\$ or US-20030235724-\$ or US-20030113594-\$ or US-20030111977-\$).did. or (US-4962462-\$ or US-4961151-\$ or US-4931947-\$ or US-6841275-\$ or US-6838923-\$ or US-6573682-\$ or US-6864003-\$ or US-6882063-\$ or US-6215202-\$ or US-6872330-\$ or US-6484830-\$).did. or (WO-2003052860-\$ or KR-2003050142-\$).did.	US-PGPUB; USPAT; DERWENT	OR	OFF	2005/05/02 17:41